

ABSTRACT

Data is transferred on a first port during a current cycle until a predetermined number of bytes less an overshoot value for the first port has been transferred on the first port. The transfer of data continues on the first port during the current cycle until a complete packet has been transferred on the first port. An overshoot value for the first port is updated based on the number of bytes transferred on the first port. In one embodiment, a pair of ports are sequentially selected from a plurality of pairs of ports. The pair of ports comprises a port connected to a first interface and a port connected to a second interface. Data is transferred on the port connected to the first interface during a current cycle. Data is transferred on the port connected to the second interface during the current cycle.